

United States Environmental Protection Agency
Criminal Investigation Division
Investigative Activity Report

Case Number

0800-0497

Case Title:

Energy Laboratories, Inc.

Reporting Office:

Denver, CO, Area Office

Subject of Report:

Telephone Interview of [REDACTED] NRC

Activity Date:

October 19, 2011

Reporting Official and Date:

[REDACTED]

Special Agent

18-MAY-2012, Signed by: [REDACTED]

Approving Official and Date:

[REDACTED]

Special Agent in Charge

21-MAY-2012, Approved by: [REDACTED]

Assistant Special Agent in Charge

SYNOPSIS

On October 19, 2011, a telephonic interview of [REDACTED] Hydro Geologist at the Nuclear Regulatory Commission was completed in connection with this investigation.

DETAILS

On October 19, 2011, United States (US) Environmental Protection Agency (EPA) Criminal Investigation Division (CID) Special Agent (SA) [REDACTED] Denver, Colorado, and US Department of Justice (DOJ), Environmental and Natural Resources Division, Environmental Crimes Section (ECS) Counsel, [REDACTED] participated in a telephone interview of [REDACTED] an NRC employee. Also participating in the telephone interview was SA [REDACTED] Nuclear Regulatory Commission (NRC) Office of Inspector General's Office (OIG).

ECS [REDACTED] began the interview by explaining that DOJ and EPA are working on a criminal investigation of a lab in Wyoming. It was explained to [REDACTED] that information was received about an NRC employee who allegedly told the lab's clients that the lab was under criminal investigation. ECS [REDACTED] explained to [REDACTED] was trying to figure out who might have made those statements. [REDACTED] was told [REDACTED] is one of three NRC employees that might have spoken to the lab's client. [REDACTED] was told the lab in question is Energy Laboratories, Inc., Casper, Wyoming.

[REDACTED] replied, "I have interacted with the lab and know about this subject." [REDACTED] explained [REDACTED] became aware that ELI Casper might lose its certification for radiochemical analysis when [REDACTED] an NRC employee, told [REDACTED] [REDACTED] had learned the information from one of the NRC's licensees. [REDACTED] asked [REDACTED] to call EPA Region 8 to find out what the status of ELI Casper's certification. [REDACTED] explained this was an issue that is important to the NRC because Wyoming and Nebraska NRC licensees exclusively use ELI Casper for all of their sampling. The licensees are required to use EPA certified labs to meet NRC requirements. NRC evaluates whether or not the licensees are meeting NRC requirements based on the lab results received from ELI Casper.

[REDACTED] stated [REDACTED] called the EPA Region 8 person listed on the report [REDACTED] obtained from the licensee. (Investigator's Note: the report referred to was ELI Casper's 2011 EPA RAD audit report). [REDACTED] was unaware of the licensee's identity. The EPA Region 8's contact was [REDACTED] [REDACTED] stated [REDACTED] advised [REDACTED] the NRC was very concerned because the licensees need to meet NRC's requirements.

[REDACTED] advised [REDACTED] needed to inform the licensee that if the lab (ELI Casper) lost its certification they (licensee) would need to have another certified lab to perform the analyses. [REDACTED] did not believe

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that [REDACTED] told [REDACTED] about the criminal investigation. [REDACTED] did not believe [REDACTED] was aware of it.

[REDACTED] asked [REDACTED] for a copy of the 2011 audit report. [REDACTED] agreed to send it to [REDACTED]. According to [REDACTED], [REDACTED] "volunteered" that ELI Casper was under criminal investigation. When [REDACTED] asked [REDACTED] what that meant, [REDACTED] advised [REDACTED] could not discuss it. [REDACTED] advised [REDACTED] became very concerned because the fact it was a criminal investigation could mean that the lab was falsifying data. [REDACTED] was concerned about public health and the licensee's employees could be in danger because the lab performed bioassays and dosimeter limits studies. [REDACTED] instructed [REDACTED] that the information about the criminal investigation was not to be disclosed. [REDACTED] stated [REDACTED] agreed not to disclose the information.

[REDACTED] stated [REDACTED] subsequently spoke to the NRC program manager for the Power Resources, Inc. (PRI) site [REDACTED] was about to inspect, [REDACTED] and told [REDACTED] that ELI Casper was about to lose its certification and that there was a pending criminal investigation. [REDACTED] stated [REDACTED] also told [REDACTED] the NRC Region 4 inspector who was going to lead the PRI inspection and Branch Chief.

ECS [REDACTED] questioned [REDACTED] about why [REDACTED] told other NRC employees even after [REDACTED] told [REDACTED] not to disclose it. [REDACTED] advised that when they (NRC employees) receive information they must make a decision based on public or non-public disclosure. [REDACTED] explained [REDACTED] understood [REDACTED] comment about not disclosing the existence of a criminal investigation to mean, "Don't tell the licensee. Don't tell the public." [REDACTED] advised [REDACTED] had a discussion with NRC Region 4 and [REDACTED] about how the information would be handled with the licensee. The licensee needs lab results even though the lab might lose certification.

[REDACTED] stated the inspection at PRI, Glenrock, Wyoming, was a three day inspection. Once the inspection was completed they had a meeting with the licensee and brought up the certification issue with ELI Casper. [REDACTED] asked the licensee if they were aware that ELI Casper was about to lose its RAD certification. The licensee replied that they were aware. [REDACTED] asked the licensee if they had made arrangements to send the samples somewhere else for analyses. According to [REDACTED] it turned out that ELI Casper was the only lab in the area because all others were "very far away." The licensee provided [REDACTED] with a fax from ELI Casper reassuring PRI that the lab was confident it was going to receive full certification and there would not be a break in service. SA [REDACTED] asked [REDACTED] who was present during this meeting. [REDACTED] replied the following individuals were present: [REDACTED], Radiation Safety Officer (RSO) for PRI; [REDACTED], Assistant RSO for PRI; [REDACTED] Environmental Manager for PRI; and [REDACTED] NRC.

[REDACTED] was asked if anyone else mentioned the criminal investigation during the inspection at PRI. [REDACTED] replied no one else had mentioned it. [REDACTED] stated, "We had agreed in the phone conference that it would not be discussed."

SA [REDACTED] requested that [REDACTED] provide the date(s) [REDACTED] spoke to [REDACTED] and the date of the NRC conference call where the criminal investigation was discussed as well as a list of NRC staff members that participated on the call.

ECS [REDACTED] asked [REDACTED] if [REDACTED] was aware of a relationship between [REDACTED] and Sheryl

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Garling. [REDACTED] replied that [REDACTED] had never heard the name Sheryl Garling.

[REDACTED] advised [REDACTED] spoke to [REDACTED] after [REDACTED] return from the inspection at PRI. [REDACTED] was concerned because there were a lot of water samples taken at PRI and [REDACTED] did not want to send water quality samples to ELI Casper if it failed to receive full certification. [REDACTED] did not want to compromise the project. [REDACTED] told [REDACTED] that EPA was in the final stages of evaluating ELI Casper's Corrective Action Plan. [REDACTED] once again asked [REDACTED] about the criminal investigation but [REDACTED] told [REDACTED] [REDACTED] could not discuss it.

ECS [REDACTED] asked [REDACTED] if [REDACTED] had cause for concern in spite of the criminal investigation. [REDACTED] replied, "Yes" because EPA was also calling into question other matters. ECS [REDACTED] told [REDACTED] "rather than focus on the criminal investigation NRC should focus on the audit."

[REDACTED] advised that the inspection at PRI took place the week of August 29, 2011. [REDACTED] arrived at the PRI site on Monday and [REDACTED] on Tuesday. [REDACTED], Deputy Director of the Division of Waste Management and Environmental Protection who works out of the main office in Rockville, Maryland. [REDACTED] was only at the PRI site on Tuesday and was not present during any discussion about ELI Casper.

[REDACTED] was asked to explain what is involved in an inspection. [REDACTED] stated the inspection begins with an "entrance meeting." At that meeting the NRC inspectors explain to the licensee what will be inspected and what the inspectors want to see. During an inspection there is a meeting in the morning and in the afternoon, an exit briefing, each day. On occasion NRC inspectors might meet with smaller groups to discuss smaller issues. On the last day of the inspection the exit meeting includes providing the licensee with information of any concerns or problems noted.

According to [REDACTED] [REDACTED] arrived a day early because [REDACTED] was doing an evaluation qualification of the RAD technicians that PRI wanted to bring on as RAD technicians.

[REDACTED] asked ECS [REDACTED] what [REDACTED] is expected to do the next time [REDACTED] learns of a criminal investigation on a lab NRC licensee's use. ECS [REDACTED] advised it is DOJ policy not to talk about the existence of a criminal investigation because it is unfair to the subjects of the investigation. [REDACTED] stated that it is the responsibility of the licensee to ensure the quality of the lab data being generated and submitted to the NRC. [REDACTED] advised the NRC does not have regulatory authority over the lab. The NRC can only issue a violation to the licensee if it is not having the samples analyzed by an EPA certified lab.

ECS [REDACTED] asked [REDACTED] to provide information regarding [REDACTED] background and education. [REDACTED] stated [REDACTED] is a hydro geologist at the NRC. [REDACTED] works for the Federal and State Materials and Environmental Management Programs under the Uranium Recovery and Licensing Branch. [REDACTED] has been employed in this capacity since 2007.

[REDACTED] advised [REDACTED] obtained a Bachelor in Environmental Engineering from Perdue, a Masters in Civil Engineering from the University of Oklahoma (OU) and a Doctorate in Petroleum Engineering, also from OU.

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ATTACHMENT

E-mail From [REDACTED] NRC, 10/20/2011

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Information Request

to: [REDACTED]
Cc: [REDACTED]

10/20/2011 08:07 AM

1 attachment



Energy Labs Final Audit Report 110518.pdf

Ms. [REDACTED]

Please see my response added below each specific item. If you need any additional information please let me know.

Thanks,
[REDACTED]

-----Original Message-----

From: [REDACTED] Alina@epamail.epa.gov [mailto:[REDACTED]@epamail.epa.gov]
Sent: Wednesday, October 19, 2011 5:04 PM
To: [REDACTED]
Cc: [REDACTED]@usdoj.gov
Subject: Information Request

[REDACTED]
Thank you for speaking with us this afternoon. As discussed, please provide the following information:

1) Dates of conversations with [REDACTED] EPA R8;

First phone contact on August 2, 2011 to request copy of lab audit report.
Second phone contact on Sept. 28, 2011 to ask for update on lab certification status.

2) Date of NRC conference call where criminal investigation was mentioned;

Conference call occurred on afternoon of August 10, 2011.

3) Names of NRC employees on above-referenced call;
[REDACTED]

4) Please forward any and all e-mails relating to Energy Laboratories and its "provisional status" and/or reference to "investigation" or "criminal investigation"

Four emails addressing lab audit or lab certification are attached:

- (1) Email from [REDACTED] dated August 2, 2011 providing copy of requested lab audit report.
- (2) Email to [REDACTED] (PRI contractor) from [REDACTED] dated September

29, 2011 to respond to his voice mail message to [REDACTED] asking for update on lab certification. Includes thread of one email noted in number (3).
(3) Two email responses from [REDACTED] to [REDACTED] dated Sept. 27, 2011 and Sept. 29, 2011 concerning his request to her to obtain a lab certification update from EPA.

Please note no other emails were exchanged on this topic with any other party.

Please provide S/A [REDACTED] with a copy of everything you send me.

Should you have any questions, please let S/A [REDACTED] know and he will inform me.

Thank you,

[REDACTED]
Special Agent
US EPA CID
Denver Area Office

[REDACTED] - Office
[REDACTED] - Cellular

WARNING: The information contained herein may include LAW ENFORCEMENT SENSITIVE and/or PRIVACY ACT INFORMATION, the further distribution of which (beyond the recipients to whom it has been addressed) may be in violation of federal information security regulations, civil and/or criminal law without the expressed prior written consent to release and/or disseminate further by the US EPA CID. If you are not the intended recipient, please contact the sender by reply e-mail AND destroy all copies of the original message and attachments.

----- Message from [REDACTED] <[REDACTED]@epamail.epa.gov> on Tue, 2 Aug 2011 18:46:35 -0400 -----
To: [REDACTED] <[REDACTED]@nrc.gov>
Subject: Audit Report Request

Hi [REDACTED]

Per our phone conversation this morning, I am forwarding a copy of the 2011 radiochemistry audit report for Energy Labs in Casper, Wyoming. Please let me know if you have questions.

Thank you,

(See attached file: Energy Labs Final Audit Report 110518.pdf)

[REDACTED]
Microbiologist / SDWA Lab Certification Program Manager
USEPA Region 8 Laboratory
(303) 312-7764

----- Message from [REDACTED] <CDL@lidstone.com> on Tue, 27 Sep 2011 14:54:03 -0400 -----
To: [REDACTED] <[REDACTED]@nrc.gov>
cc: [REDACTED] <PRH@lidstone.com>
Subject: RE: EPA

Thanks [REDACTED]. Let us know what you hear.

[REDACTED]
President, Lidstone and Associates, Inc.
4025 Automation Way, Bldg. E
Fort Collins, CO 80525

[REDACTED] office
970 223 4706 facsimile

[REDACTED] cell

From: [REDACTED] [mailto:[REDACTED]@nrc.gov]

Sent: Tuesday, September 27, 2011 11:49 AM

To: [REDACTED]

Subject: EPA

Hi [REDACTED]

I just called and left a message with EPA concerning the status of the lab certification . I will contact you when I get any news.

Thanks,

[REDACTED] Ph.D.
Hydrogeologist
US Nuclear Regulatory Commission
11545 Rockville Pike
MS T8F5
Rockville, MD 20852

email [REDACTED]@nrc.gov
Phone:301-415-0708

----- Message from [REDACTED] <CDL@lidstone.com> on Thu, 29 Sep 2011 10:15:51 -0400 -----

To: [REDACTED] <[REDACTED]@nrc.gov>

Subject: RE: EPA

Thanks [REDACTED]. Will do

Sent from my Verizon Wireless Phone

[REDACTED] wrote:

Hi [REDACTED],

I spoke with the EPA contact yesterday. [REDACTED] said EPA did not have a final decision on the lab certification to share at this point. [REDACTED], however, indicated EPA will be making their decision on the certification within the next few days.

I suggest you contact Energy Labs directly and ask them to let you know the outcome as soon as they receive notification.

Thanks,

[REDACTED]
From: [REDACTED] [mailto:CDL@lidstone.com]
Sent: Tuesday, September 27, 2011 2:54 PM
To: [REDACTED]
Cc: [REDACTED]

Subject: RE: EPA

Thanks [REDACTED]. Let us know what you hear.

[REDACTED]
President, Lidstone and Associates, Inc.
4025 Automation Way, Bldg. E
Fort Collins, CO 80525

[REDACTED] office
970 223 4706 facsimile

[REDACTED] cell

From: [REDACTED] [mailto:[REDACTED]@nrc.gov]

Sent: Tuesday, September 27, 2011 11:49 AM

To: [REDACTED]

Subject: EPA

Hi [REDACTED]

I just called and left a message with EPA concerning the status of the lab certification. I will contact you when I get any news.

Thanks,

[REDACTED] Ph.D.
Hydrogeologist
US Nuclear Regulatory Commission
11545 Rockville Pike
MS T8F5
Rockville, MD 20852

email [REDACTED]@nrc.gov

Phone [REDACTED]

----- Message from "[REDACTED]" <[REDACTED]@nrc.gov> on Thu, 29 Sep 2011 10:05:44 -0400 -----

To: [REDACTED] <CDL@lidstone.com>

Subject: RE: EPA

Hi [REDACTED],

I spoke with the EPA contact yesterday. [REDACTED] said EPA did not have a final decision on the lab certification to share at this point. [REDACTED] however, indicated EPA will be making their decision on the certification within the next few days.

I suggest you contact Energy Labs directly and ask them to let you know the outcome as soon as they receive notification.

Thanks,

From: [REDACTED] [mailto:CDL@lidstone.com]

Sent: Tuesday, September 27, 2011 2:54 PM

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: EPA

Thanks [REDACTED]. Let us know what you hear.

[REDACTED]
President, Lidstone and Associates, Inc.
4025 Automation Way, Bldg. E
Fort Collins, CO 80525

[REDACTED] office
970 223 4706 facsimile

[REDACTED] cell

From: [REDACTED] [mailto:[REDACTED]@nrc.gov]

Sent: Tuesday, September 27, 2011 11:49 AM

To: [REDACTED]

Subject: EPA

Hi [REDACTED],

I just called and left a message with EPA concerning the status of the lab certification . I will contact you when I get any news.

Thanks,

[REDACTED]

[REDACTED] Ph.D.
Hydrogeologist
US Nuclear Regulatory Commission
11545 Rockville Pike
MS T8F5
Rockville, MD 20852

email [REDACTED]@nrc.gov
Phone [REDACTED]

**United States Environmental Protection Agency
Criminal Investigation Division
Investigative Activity Report**

Case Number

0800-0497

Case Title:

Energy Laboratories, Inc.

Reporting Office:

Denver, CO, Area Office

Subject of Report:

Declination Letter dated 5/21/2012.

Activity Date:

May 21, 2012

Reporting Official and Date:

[REDACTED]

Assistant Special Agent in Charge

21-MAY-2012, Signed by: [REDACTED]

Approving Official and Date:

[REDACTED]

Special Agent in Charge

21-MAY-2012, Approved by: [REDACTED]

Assistant Special Agent in Charge

SYNOPSIS

This IAR serves to add the Declination Letter regarding this matter to the CCRS case file.

DETAILS

See attached Declination letter to District of Wyoming United States Attorney [REDACTED] dated 5/12/2012. .

ATTACHMENT

ELI- Casper Declination Letter.

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Case Number

0800-0497

Case Title:

Energy Laboratories, Inc.

Reporting Office:

Denver, CO, Area Office

Subject of Report:

Receipt of EPA NAREL's Final Observations Report

Activity Date:

May 16, 2012

Reporting Official and Date:

[REDACTED]

Special Agent

30-MAY-2012, Signed by: [REDACTED]

Approving Official and Date:

[REDACTED]

Special Agent in Charge

30-MAY-2012, Approved by: [REDACTED]

Assistant Special Agent in Charge

SYNOPSIS

On May 16, 2012, a final report of observations was received from the Environmental Protection Agency's (EPA) Office of Radiation and Indoor Air, National Air and Radiation Environmental Laboratory (NAREL) in connection with this investigation.

DETAILS

By way of background, on September 27, 2010, a formal request for assistance with the Energy Laboratories, Inc. investigation was sent to [REDACTED], who at the time was Branch Chief for NAREL. In the letter EPA Criminal Investigation Division (CID) requested the assistance of an expert in the field of radiochemistry to review and interpret data to determine whether or not the allegations of falsification and/or manipulation of data were supported by the documentation gathered to that date.

NAREL was asked to narrow the focus of its review to two allegations pertaining to the analyses of Radium 226 and 228. The first allegation pertained to ELI Casper failing to meet the required detection limits. The second allegation pertained to ELI Casper misleading its clients by falsely reporting or misreporting lab results. These reports were mailed, faxed and/or e-mailed to its clients.

It should be noted that NAREL's review was limited by the fact that much of the required raw data, data packages and original lab reports were unavailable due to a number of causes. Management at ELI Casper began scanning and shredding all supporting documentation in or about 2006 and initiated the implementation of this system starting with current/most recent documents rather than with the older, archived documents. EPA's National Enforcement Investigations Center computer group was unable to recreate ELI Casper's Laboratory Information Management System (LIMS) due to the size and complexity of the software system changes made by ELI Casper to the base LIMS system.

On May 16, 2012, EPA CID Special Agent (SA) [REDACTED] received NAREL's final observations report from [REDACTED], Laboratory Director at NAREL. Summarily, NAREL's report confirms both allegations raised by former ELI Casper employees regarding ELI Casper's failure to meet the detection limits and generating misleading/fraudulent reports to its clients. Attached is a copy of NAREL's report.

ATTACHMENT

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EPA NAREL Final Observations Report on ELI Casper, 5/16/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF RADIATION AND INDOOR AIR
National Air and Radiation Environmental Laboratory
540 South Morris Avenue, Montgomery, AL 36115-2601
(334) 270-3400

May 16, 2012

MEMORANDUM

SUBJECT: NAREL's Assistance to Region 8's Criminal Investigation Division (CID)

FROM: [REDACTED] Acting Director, Center for Env. Radioanalytical Lab Science (CERLS)
[REDACTED] Quality Assurance Officer [REDACTED]
USEPA/NAREL, Montgomery, AL

TO: [REDACTED] Special Agent
USEPA CID, Denver Office

THROUGH: [REDACTED] Laboratory Director
USEPA/NAREL, Montgomery, AL

EPA's Region 8 CID office requested NAREL's assistance with the investigation into allegations of fraud made by employees at the Energy Laboratories, Inc. (ELI) located in Casper, Wyoming. NEIC and CID provided hardcopy radiochemistry data, as well as spreadsheets of ^{226}Ra and ^{228}Ra created from ELI's Laboratory Information Management System (LIMS).

In November 2010, [REDACTED] from NAREL visited the Region 8 office to review more hardcopy data and a portion of ELI's LIMS database in addition to the spreadsheets already provided to NAREL. When he returned to NAREL, [REDACTED] reported [REDACTED] observations to Special Agent [REDACTED]. At the request of Special Agent [REDACTED], [REDACTED] observations have been clarified and re-summarized below.

ELI almost always met the RDL (required detection limit) for ^{226}Ra . It almost always failed to meet the RDL for ^{228}Ra , but on the client reports ELI reported 1.0 as its "reporting limit."

DL/RDL analysis of the ^{226}Ra and ^{228}Ra spreadsheets

	^{226}Ra	^{228}Ra
Met the RDL ($\text{DL} \leq 1.0 \text{ pCi/L}$)	30,015	474
Failed to meet the RDL	1214	15,947
Unable to check	362	1031

When a client specifically requested a detection limit (DL) of 0.5 pCi/L, ELI knew how to reach it – by analyzing more sample and counting longer. So, incompetence is not the explanation for their failure to meet the 1.0 pCi/L DL at other times. They knew what their DL was and they kept doing the same thing anyway.

The ^{228}Ra ingrowth times (for ingrowth of ^{228}Ac from ^{228}Ra) were often less than the 36 h specified by EPA Method 904.0. It appears they were cutting corners. The analysis determines ^{228}Ra activity by measuring the decay product ^{228}Ac , which is easier to measure than ^{228}Ra . The half-life of ^{228}Ac is 6.15 h, which means that after 6.15 h of ingrowth, the ^{228}Ac is half of the ^{228}Ra activity; after 12.3 h the ^{228}Ac is ~75 % of the ^{228}Ra ; after 18.45 h the ^{228}Ac is ~87.5 % of the ^{228}Ra activity, etc. So, there are diminishing returns after a while. After 18.5 hours, you're within 12.5 % of the maximum possible ingrowth factor.

There are at least 147 anomalies in the ²²⁶Ra spreadsheet (qselNEIC226Reports2.xls) where the count time is not a whole number of minutes and where the gross count rates are high and variable in such a way that if you multiply the gross count rate by the count time, you get almost the same total number of counts each time (~3000). That just isn't plausible. Altogether there were 342 instances where the count time was not a whole number, and 147 of these had gross counts between 2995 and 3005. 102 of them were between 2999 and 3001.

The term "detection limit" means different things to different people. In the drinking water regulations, it has a specific definition for radiochemical analyses, which ELI was clearly aware of. It is defined (in effect) to be the activity concentration that can be measured with a relative standard deviation of 1/1.96 (or 51 %) (counting statistics only).

With a few assumptions one can derive an expression for the net count rate R_D that gives you this detection limit.

$$R_D = \frac{1.921}{t_s} \left[1 + \sqrt{1 + \frac{4R_B t_s}{1.921}} \right]$$

where t_s is the count time and R_B is the background/blank count rate.

To get the DL for the measurement, you have to convert the count rate R_D to an activity concentration. You do this exactly the way you convert the actual measured net count rate to an activity concentration – typically by dividing it by several factors such as the sample volume, efficiency, recovery, and decay and/or ingrowth factors. If you don't have all those individual factors (as we did not in the case of the ²²⁸Ra data), just use the ratio between the lab's sample result and the net count rate.

After receiving the raw instrument data from Special Agent [REDACTED] we attempted to find discrepancies between the raw data and the subset of LIMS data (²²⁶Ra and ²²⁸Ra) that was provided to NAREL in spreadsheet form by Special Agent [REDACTED] prior to the November 2010 visit. The only electronic raw data available to NAREL in easily readable form was from the Gamma Products instruments, all of which use Microsoft Access databases for raw data. [REDACTED] wrote software to read those databases and compare the instrument data to the LIMS data. Although there were a few discrepancies, there was no obvious pattern, and we did not have specific allegations from witnesses to give us clues.

The lab also had gas proportional counters that were not made by Gamma Products. The counters made by Berthold, a German company, produced electronic data files. [REDACTED] contacted Berthold, which kindly provided us software to read the files, but the software was tedious to use and did not allow us to automate a search. It required the user to choose a batch to examine and then view it on the screen. Given the volume of data, it would have required an inordinate amount of time to review the results.

The client reports (data packages) that we received on CDs from [REDACTED] of CID were limited – what we call "data summary packages." They did not include supporting data such as instrument raw data, instrument calibration and background records, etc., that would allow for a more thorough validation of the data. Another NAREL staff member, [REDACTED] used these to find what appear to be inconsistencies between the LIMS data (spreadsheets) and the client reports (see table below). We also noticed that several client reports that might have been useful were missing from the CDs.

[REDACTED] focused on comparing the ²²⁸Ra data results from the spreadsheets, which totaled 1,986 reports between 2007 and 2008, to the matching client report files. Five percent of these files were compared, and most of the discrepancies involved the reporting of "ND" (non-detect) on the client reports even though the LIMS spreadsheet data indicated a different result. A few results were totally incorrect, but mostly it appeared that ELI classified results greater than 1.0 but less than 2.0 as a "ND". A few examples are listed in the table below.

Client	Lab ID	Matrix	Nuclide	Client Report Result	LIMS Result (spreadsheet)	Units
Alchem Labs	C07070542-005	Drinking Water	Ra-228	ND	1.275	pCi/L
Coffey Labs	C07080409-001	Drinking Water	Ra-228	ND	1.163	pCi/L
Coffey Labs	C07080409-002	Drinking Water	Ra-228	ND	1.21	pCi/L
EPC	C07080080-003	Drinking Water	Ra-228	ND	1.389	pCi/L
EPC	C07080080-004	Drinking Water	Ra-228	ND	1.3075	pCi/L
Kennecott Uranium	C07070948-005	Aqueous	Ra-228	ND	1.2256	pCi/L
Kennecott Uranium	C07090622-004	Aqueous	Ra-228	ND	1.265	pCi/L
Kennecott Uranium	C07100353-014	Aqueous	Ra-228	2.6	3.299	pCi/L
Phelps Dodge	C07080645-001	Aqueous	Ra-228	ND	2.53	pCi/L
Power Resources	C07070896-001	Soil/Extractable	Ra-228	ND	1.716	pCi/L
Power Resources	C07070896-006	Soil/Extractable	Ra-228	ND	4.49	pCi/L
Power Resources	C07070896-007	Soil/Extractable	Ra-228	ND	3.229	pCi/L
WY Military Dept	C07081564-002	Drinking Water	Ra-228	ND	1.343	pCi/L

Having complete data packages suited for data validation would have helped the investigation very much. Complete data packages routinely include sample collection and custody information, sample receiving and preparation information, instrument raw data, instrument calibration and background records, radioactive source certificates, quality control parameters and criteria, method standard operating procedures, required detection limits, and any other pertinent records.

**United States Environmental Protection Agency
Criminal Investigation Division
Investigative Activity Report**

Case Number

0800-0497

Case Title:

Energy Laboratories, Inc.

Reporting Office:

Denver, CO, Area Office

Subject of Report:

Closing IAR

Activity Date:

September 17, 2012

Reporting Official and Date:

[REDACTED]

Special Agent

18-SEP-2012, Signed by: [REDACTED]

Approving Official and Date:

[REDACTED]

Acting Special Agent in Charge

18-SEP-2012, Approved by: [REDACTED]

Acting Special Agent in Charge

SYNOPSIS

This Investigative Activity Report serves to document the closing of the Energy Laboratories, Inc. investigation and the retention of evidence due to an open Freedom of Information Act (FOIA) request and another matter.

DETAILS

In May 2012, the U.S. Attorney's Office, District of Wyoming declined to prosecute this case. Please refer to the IAR titled Declination Letter Dated 5/12/2012 for details of the declination.

Evidence that was not responsive to any known open FOIA or the other matter was returned and/or destroyed according to policy. Accordingly, the Closing Checklist reflects "N/A." Once the evidence is no longer required, it will be returned and/or destroyed according to policy and a report will be placed in the file.

This investigation is hereby closed.

This document contains neither recommendations nor conclusions of the EPA.
It is the property of the EPA and is loaned to your agency;
it and its contents are not to be distributed outside your agency.

United States Environmental Protection Agency
Criminal Investigation Division
Investigative Activity Report

Case Number
0800-0497

Case Title:
Energy Laboratories, Inc.

Subject of Report:
EPA Region 8 List of Drinking Water Laboratory Auditors

Copies to:

Reporting Office:

Denver, CO, Area Office

Activity Date:

August 8, 2007

Related Files:

Reporting Official and Date:

██████████ SAGT
30-MAY-2008

Approving Official and Date:

██████████, SAC
20-JUN-2008

Approved by: ██████████, SAC

SYNOPSIS

08/08/2007 - On August 8, 2007, S/A ██████████ spoke received an e-mail from ██████████, EPA R8 Quality Assurance Program Coordinator, with a list of the Region 8 employees that have functioned as drinking water auditors during radiochemistry audits.

DETAILS

On August 8, 2007, S/A ██████████ spoke received an e-mail from ██████████, EPA R8 Quality Assurance Program Coordinator, with a list of the Region 8 employees that have functioned as drinking water auditors during radiochemistry audits. This information was in response to a request previously made by S/A ██████████. Attached is the e-mail response.

ATTACHMENT

██████████ Email re: R8 Lab Auditors

This document contains neither recommendations nor conclusions of the EPA.
It is the property of the EPA and is loaned to your agency;
it and its contents are not to be distributed outside your agency.

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CONTRACT
FOR
WASTEWATER TREATMENT

THIS AGREEMENT entered into this _____ day of _____, 1985, by and between the CITY OF CASPER, WYOMING, a Municipal Corporation and its BOARD OF PUBLIC UTILITIES, and HACH SYNTHESIS, INC., a Utah Corporation authorized to do business within the State of Wyoming, whose address is 2393 North Salt Creek Highway, P. O. Box 3723, Casper, Wyoming 82602.

WITNESSETH:

WHEREAS the City, pursuant to authority granted by Section 15-7-502, W.S. 1977 as amended, desires to enter into a contract with the Company concerning the treatment and disposal of sewage and industrial wastes from the Company, and finds that it is in the public interest for it to do so; and

WHEREAS, the Company desires to have the City treat and dispose of its sewage and industrial wastes generated in Natrona County.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS AND CONDITIONS TO BE DONE OR PERFORMED BY THE PARTIES HERETO, THE PARTIES AGREE AS FOLLOWS:

1. Discharge of Wastes.

The Company shall deliver, at its own risk and expense, to the Casper Wastewater Treatment Plant its sewage and wastewater produced by its operations within Natrona County, in accordance with the rules and regulations of the BPU, applicable City ordinances, and the operation procedures for acceptance of septage, now or hereinafter in effect at the Casper Wastewater Treatment Plant.

ordinances, State Statutes and Federal law. The City's obligation to accept treatment of Company's wastewater is specifically conditioned upon the Company's compliance with all Wyoming Department of Environmental Quality and U. S. Environmental Protection Agency (EPA) standards, rules and regulations, as are applicable, compliance with all pretreatment standards adopted by the City of Casper by ordinance, rule, or regulation now or hereinafter in effect, and the issuance of a wastewater contribution permit as set forth herein.

3. Access to Premises.

The Company hereby grants to the City or EPA permission to go onto, and have access to its premises, during any and all reasonable times when it is conducting its business, for the purpose of allowing the City or the EPA or both, the right of inspection, sampling, records examination and copying, or generally in the performance of their duties, as mandated by City ordinance or Federal law. The City and the EPA shall further have the right to set up on the Company's property such devices as are necessary to conduct sampling, inspection, compliance monitoring, and/or metering operations.

4. Wastewater Contribution Permit.

Before the City will accept any of Company's wastewater for treatment at its wastewater treatment plant, Company shall be required to obtain a wastewater contribution permit, as required by City ordinance. Upon compliance with all the requirements for permit issuance, City shall issue said permit to the Company. Any permit issued by the City shall be issued and effective for a period of time not to exceed one (1) year in duration unless otherwise agreed by the parties hereto. Company agrees to comply with

Said facility shall be maintained at all times in a safe and proper operating condition. Company shall submit to City at the BPU office a complete chemical analysis of a representative sample of its wastewater delivered to the City's wastewater treatment plant. Such analysis shall be provided on a monthly basis, or more frequently if requested by the City.

6. Pretreatment.

Company shall provide all necessary wastewater treatment as required to comply with its wastewater contribution permit, and all categorical standards as that term is defined by City ordinance, or such additional standards promulgated by the City, or the EPA within the time limitations as specified by City Ordinance or the Federal Pretreatment Rules and Regulations as are now, or may hereafter, be in effect. Any and all pretreatment facilities required shall be provided, operated, and maintained at Company's expense. Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the City for review, and shall be acceptable to the City before construction of any pretreatment facility. Any review of such plans and operating procedures shall not relieve the Company from any responsibility for modifying the facility or operational procedure as necessary to produce an effluent acceptable to the City. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to, and be acceptable to the City prior to the Company's initiation of the changes.

7. Authority Over Standards.

It is understood and agreed that the City has the authority to establish and enforce, by way of this contract and its wastewater contribution permit, the industry's specific effluent standards for

ports, the City may, from time to time establish, and the Company shall comply with, any specific effluent limits necessary to prevent interference with the operations or performance of the City's wastewater treatment system.

Prior to adoption of any new or revised effluent limits, the City shall notify the Company of the proposed effluent limit, and provide an opportunity for comment. Upon adoption of new or revised limits, the City shall provide the Company with a reasonable period of time in which to comply with said limits, provided, however, that such time period shall not be in excess of any time period required by City ordinance or by the EPA. In addition, the City shall modify the wastewater contribution permit of the Company as necessary.

It is further understood and agreed that upon promulgation of any categorical standard, as that term is defined by City ordinance for a particular industry subcategory into which the Company falls, said categorical standard, if more stringent than limitations imposed under the wastewater contribution permit for sources in that subcategory, shall immediately supersede the limitations imposed herein. However, the Company shall have a reasonable time in which to comply with said limits, provided, however such time period shall not be in excess of any time period required by City ordinance or by the EPA.

8. Confidential Information.

In accordance with the City's ordinance, any information submitted to the City pursuant to this contract, or the wastewater contribution permit, may be claimed as confidential by the Company. If such claim is asserted, the procedures concerning confidential information, as set forth in the City Code, shall apply. If no

ment, or of its wastewater contribution permit, and provide a reasonable time frame for the Company to come into compliance. Such compliance shall be obtained by direct negotiation between the parties hereto. If said violation is not or can not be corrected in a reasonable time by direct negotiation, the City may take the additional enforcement measures set forth below as it deems appropriate.

- (1) immediately terminate this contract and revoke the Company's wastewater treatment permit, and refuse to accept for treatment any of Company's wastewater;
- (2) seek injunctive relief in a court of competent jurisdiction for violations by the Company with any of the provisions of this contract or its wastewater contribution permit.

(b) In the event the Company shall cause the City any actual damages, by reason of violation of the terms of this contract, its wastewater contribution permit or any applicable categorical standard, then, the Company shall pay City for all its said damages upon demand therefor by the City. Such damages include, by way of specification but not limitation, the amount of any penalties, fines, or damages for which the City becomes liable as a result of said noncompliance.

10. Treatment Charges.

Company shall pay to City at the office of its Board of Public Utilities the then-current charge for use of the City's septage receiving facility (currently Twenty Dollars (\$20.00) per one thousand (1,000) gallons of industrial wastewater), accepted for treatment by the City at its wastewater treatment plant. Payment by the Company shall be made in accordance with the payment pro-

charge set forth herein to accurately reflect the City's actual costs.

11. Connection to Sewer System.

At such time as a sewer interceptor is made available for use as part of the general construction of sewer interceptors pursuant to the City's 201 Agreement with other municipal entities, the Company agrees that it will, at its sole expense, connect to said sewer line and pay connection charges then applicable.

12. Term.

This Agreement shall be for the term of one (1) year and any wastewater contribution permit issued to Company shall have the same expiration date as this contract. The parties may, by mutual agreement, renew this contract for a similar term and upon such renewal, a wastewater contribution permit shall also be issued to Company for the same term as said contract.

IN WITNESS HEREOF, the parties have caused the same to be executed by this respective authorized representatives on the date set forth above.

ATTEST:

CITY OF CASPER,
A Municipal Corporation,

Calvin A. Chabsey
City Clerk

By: Mary L. Belton
Mayor

ATTEST:

CASPER BOARD OF PUBLIC UTILITIES

[REDACTED]
Secretary

By: [REDACTED]
President

**United States Environmental Protection Agency
Criminal Investigation Division
Investigative Activity Report**

Case Number

0800-0497

Case Title:

Energy Laboratories, Inc.

Reporting Office:

Denver, CO, Area Office

Subject of Report:

New Information on ELI Casper From [REDACTED] EPA R8 Drinking
Water Supervisor

Activity Date:

January 7, 2010

Reporting Official and Date:

[REDACTED], SA

08-JAN-2010, Signed by: [REDACTED], SA

Approving Official and Date:

[REDACTED], SAC

08-JAN-2010, Approved by: [REDACTED], SAC

SYNOPSIS

01/07/2010 - On January 7, 2010, [REDACTED] EPA Region 8 Drinking Water Supervisor forwarded an e-mail to S/A [REDACTED], EPA CID, with new information [REDACTED] received regarding irregularities in radionuclides (RAD) testing by Energy Laboratories, Inc., Casper, Wyoming.

DETAILS

01/07/2010 - On January 7, 2010, [REDACTED] EPA Region 8 Drinking Water Supervisor forwarded an e-mail to S/A [REDACTED], EPA CID, with new information [REDACTED] received regarding irregularities in radionuclide's testing by Energy Laboratories, Inc., Casper, Wyoming. The email was sent to [REDACTED] by [REDACTED], Administrator for the Nebraska Drinking Water Program expressing concerns about ELI Casper's RAD testing and reporting. Attached is a copy of the e-mail transmissions.

ATTACHMENT

Email from [REDACTED] EPA R8 Regarding New Information on ELI Casper

This document contains neither recommendations nor conclusions of the EPA.
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it and its contents are not to be distributed outside your agency.



US EPA CID National Computer Forensics Laboratory Report of Analysis

Case Title / Number: Energy Labs Inc. (ELI) / 0800-0497 / F08-08

Date: September 27, 2011

To: SA [REDACTED] – Denver Area Office

From: SA [REDACTED], NCFL

Subject: Report of Analysis per email request of 9/26/2011

Quality Control Review: SA [REDACTED], NCFL

Supervisor Approval: ASAC [REDACTED], NCFL

Details: A forensic analysis of a computer hard drive forwarded to the NCFL, Jacksonville, FL from Energy Labs Inc. (ELI), has been completed. Files of potential evidentiary value relating to equipment calibration logs contained in excel spreadsheets are being forwarded to SA [REDACTED], Denver Area Office for review.

Authorization for Analysis: On or about September 13, 2011, SA [REDACTED] obtained a Federal Grand Jury subpoena which serves as the basis for analysis of the submitted electronic evidence.

Forensic Analysis: The review of the submitted electronic evidence was completed on September 26, 2011 and focused on spreadsheet(s) containing information regarding calibration of lab equipment used at ELI. The original electronic evidence was returned via separate cover to SA [REDACTED]. SA [REDACTED] requested that all spreadsheet(s) identified be exported from the evidence, and that a file listing be created containing dates and location of the files. The responsive files have been exported to the enclosed CD for Case Agent review. If any problems are encountered reviewing files on the enclosed CD, please contact SA Gilpin as soon as possible.

Analysis of Logical Files: Files, or logical files, contained on electronic or data storage media computer are normally accessed through the computer's *file system*. Logical files, including those marked for deletion, on all computers were examined. Logical data files such as spreadsheets, web pages, graphics, documents, and databases found on the media examined were reviewed for potential evidentiary content. Files of possible evidentiary value are contained in a folder entitled, "Excel Files Meeting Search Criteria," and the file listing of the responsive files is in a spreadsheet entitled, "ELI Excel File Listing," on the enclosed Results CD.

Analysis of Metadata or Other File Data: Additional information is contained on the metadata examined from the responsive files. The metadata information is contained in a report entitled, "Metadata Analysis of Excel Workbooks Meeting Search Criteria," in the results CD. Possible information may include but is not limited to: file properties, file "owner", source / origin of the file, duplicate occurrence of file(s), file revisions, metadata (i.e. embedded file data which may reveal a document's title, subject, authorship, edits and other information).

Status: This is the final Report of Analysis of the submitted evidence. The Results CD was scanned for malware and is safe for viewing.

Disposition of Evidence: The forensic image of the electronic evidence submitted was archived and is retained in the NCFL Evidence Room. In addition, NCFL retains a copy of the Results CD along with other relevant documentation in the NCFL case file. At the conclusion of case, notify the NCFL examiner so that NCFL archival evidence can be removed from the CID

LAW ENFORCEMENT SENSITIVE

This report contains the results of forensic analysis conducted on seized or submitted electronic evidence and remains the property of the EPA. Third party distribution is prohibited without the prior permission of the EPA. (Rev. 16AUG06)



US EPA CID National Computer Forensics Laboratory Report of Analysis

evidence system and disposed of in accordance with the OCEFT Manual.

Distribution

Original Report/Results CD (2 copies): SA [REDACTED], Denver Area Office

LAW ENFORCEMENT SENSITIVE

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US EPA CID
National Computer Forensics Laboratory (NCFL)
Report of Analysis

Case Title / Number: Energy Labs Inc. / 0800-0497 / F08-08

Date: March 7, 2011

To: SA [REDACTED] Denver Area Office

From: SA [REDACTED], NCFL

Subject: Report of Analysis per Request of 2/7/2011

Supervisor Approval: ASAC [REDACTED] NCFL [REDACTED]

Details: The forensic analysis of the seized computer data has been completed. Files of potential evidentiary value are being forwarded to SA [REDACTED] Denver Area Office.

Authorization for Analysis: On or about October 30, 2007, SA [REDACTED] Denver Area Office, obtained a federal search warrant for the office of Energy Labs Inc. (ELI), located in Casper, WY and provides the authority for the analysis of the seized computer data.

Forensic Acquisition and Analysis: Reference is made to the previous NCFL Reports by SA C. D. [REDACTED] and SA [REDACTED] NCFL, dated January 9, 2008, March 16, 2008, February 5, 2009, and February 19, 2009. Analysis of the forensic images was conducted at the NCFL from a new request from SA [REDACTED] on February 7, 2011 between February 21, 2011 and February 28, 2011. The results of that analysis are documented below.

Analysis of Logical Files: Logical files on all the computer images were forensically examined. Logical files contained on a computer hard disk are normally accessed through what is referred to as the file system. Active or logical files are files that are listed in the normal directory view. That is, active/logical files can be listed from a DOS prompt with the dir command or listed by opening a Windows Explorer directory or other File Manager program. Logical data files such as spreadsheets, PDFs, graphics, documents, and emails found on the media examined were reviewed for potential evidentiary content.

At the request of the case agent, the search was limited to files containing "laboratory analytical results." Those files determined to be potentially relevant based on parameters provided by SA [REDACTED] were placed into folder entitled "PDF" onto the Results DVD.

NOTE: The files obtained from the forensic images were converted into Portable Document Format (PDF) and IPro load format files for review by the case agent. All results were screened for malware.

Status: This is a final report and no further analysis is planned. Additional information may be available on files included on the Results CD. Possible information may include but is not limited to: file properties, file "owner", source / origin of the file, duplicate occurrence of file(s), file revisions, metadata (i.e. embedded file data which may reveal a documents title, subject, authorship, edits and other information). If additional information on any file(s) included on the Results CD is necessary to further the investigation or if the search criteria changes as a result of this analysis or other investigative efforts, please contact the NCFL as soon as possible.

LAW ENFORCEMENT SENSITIVE

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Third party distribution is prohibited without the prior permission of the EPA. (Rev. 16AUG06)



US EPA CID
National Computer Forensics Laboratory (NCFL)
Report of Analysis

Disposition of Original Evidence: Only duplicate original media (i.e. forensic images) of the subject's electronic media were seized into evidence per the search warrant. The NCFL has retained an archival copy of these images.

At the conclusion of case, notify the NCFL examiner so that NCFL archival evidence can be disposed of in accordance with the OCEFT Manual.

ATTACHMENT(S)

Results DVD (2 Copies, forwarded under separate cover to Case Agent)

DISTRIBUTION

Report Copy and Attachments: SA [REDACTED] Denver Area Office

LAW ENFORCEMENT SENSITIVE

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Third party distribution is prohibited without the prior permission of the EPA. (Rev. 16AUG06)



Radionuclides follow-up from Monday 9/26/10...

to:

09/28/2010 02:37 PM

Good afternoon [REDACTED], I hope I captured the answers you needed from our discussion yesterday:

141.26(a)(2) discusses initial monitoring requirements, however a more detailed discussion for reduced monitoring (as what I described in our meeting) would be 141.26(a)(3). This describes the future monitoring period dependent on what the results of your samples from the initial monitoring period. Systems had to take 4 consecutive quarterly samples (only 2 quarters were required if they were below the detection limit), then they were moved into new sample periods.

In the Federal Register for the Rads Revision final rule (dated December 7, 2000), I also saw that Pb-210 monitoring is required under the Unregulated Contaminant Rule (UCMR). I have never managed that specifically, so I would have to consult with another rule manager for more detail.

From everything I could find, it appears that I misspoke about the detection limits changing from the original rule to the revision. It seems that the detection limit for alpha, Ra-226 and Ra-228 remained the same since the original rule went into effect. The detection limit for uranium was established in the revision as it had not been previously regulated.

In all the regulatory language, it only states that systems need to monitor for "uranium" not a particular isotope of uranium. This is why I have always a total or combined uranium result.

I hope that covers everything. Please feel free to let me know if there's anything else I can provide.

[REDACTED]

US EPA Region 8 Drinking Water Program

1595 Wynkoop St.

Denver, CO 80202-1129

Ph: 303-312-6034

Fax: 303-312-6131

[REDACTED]@epa.gov

U.S. EPA REGION VIII CERTIFIED DRINKING WATER LABORATORIES
February 12, 2007

CERTIFIED FOR Asbestos

Data Chem Laboratories
4388 Glendale-Milford Road
Cincinnati, OH 45242-3706

current certification valid through 6/16/07

EMSL Analytical, Inc.
107 W. 4th Street
Libby, MT 59923

current certification valid through 6/14/07

McCall and Spero Environmental, Inc.
1831 Williamson Court, Suite 100
Louisville, KY 40223

current certification valid through 6/17/07

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

current certification valid through 2/6/07

Severn Trent Laboratories
149 Rangeway Road
North Billerica, MA 01862

current certification valid through 2/28/07

CERTIFIED FOR Copper & Lead

ACZ Laboratories, Inc.
2773 Downhill Drive
Steamboat Springs, CO 80487

current certification valid through 10/2/07

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

current certification valid through 2/15/08

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 4/3/07

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

current certification valid through 1/18/08

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 3/13/08

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

current certification valid through 9/29/07

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

current certification valid through 6/26/07

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

current certification valid through 5/26/08

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

current certification valid through 2/7/08

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

current certification valid through 7/28/07

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

current certification valid through 9/28/07

Magic Valley Laboratory, Inc.
210 Addison Ave. P.O. Box 1867
Twin Falls, ID 83301

current certification valid through 1/17/07

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

current certification valid through 6/12/07

Minnesota Valley Testing Laboratories, Inc.
1411 S. 12th Street
Bismarck, ND 58504

current certification valid through 4/29/07

Minnesota Valley Testing Laboratories, Inc.
1126 N. Front Street
New Ulm, MN 56073-0249

current certification valid through 4/29/07

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

current certification valid through 2/21/09

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

current certification valid through 2/6/07

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

current certification valid through 12/19/06

North Dakota Department of Health/Chem.
2635 East Main Avenue
Bismarck, ND 58502-0937

current certification valid through 11/30/09

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

current certification valid through 10/20/07

Severn Trent Laboratories, Chicago
2417 Bond Street
University Park, IL 60466

current certification valid through 6/17/07

Severn Trent Laboratories, Savannah
5102 LaRoach Avenue
Savannah, GA 31404

current certification valid through 6/29/07

South Dakota Dept. of Health Lab. Services
615 East 4th Street
Pierre, SD 57501-1700

current certification valid through 8/18/07

SVL Analytical, Inc.
One Government Gulch
P.O. Box 929
Kellogg, ID 83837-0929

current certification valid through 2/7/08

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

current certification valid through 1/26/08

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

current certification valid through 6/31/07

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 6/16/07

CERTIFIED FOR the *Disinfectant Byproducts* listed below:

Haloacetic Acids (HAA5)

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

current certification valid through 2/15/08

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 4/3/07

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

current certification valid through 1/18/08

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 3/13/08

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

current certification valid through 9/29/07

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

current certification valid through 6/26/07

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

current certification valid through 5/26/08

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

current certification valid through 7/28/07

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

current certification valid through 9/28/07

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

current certification valid through 6/12/07

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

current certification valid through 2/21/09

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

current certification valid through 2/6/07

North Dakota Department of Health
Chemistry Division
2635 E. Main Ave., P.O. Box 937
Bismarck, ND 58502-0937

current certification valid through 11/30/09

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

current certification valid through 10/20/07

South Dakota State Health Laboratory
615 East 4th Street
Pierre, SD 57501-1700

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 8/18/07

current certification valid through 6/29/07

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

CERTIFIED FOR the *Disinfectant Byproducts* listed below:

Total Trihalomethanes (TTHM)

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
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Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
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Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

current certification valid through 2/15/08

current certification valid through 4/3/07

current certification valid through 1/18/08

current certification valid through 3/13/08

current certification valid through 10/1/07

current certification valid through 6/26/07

current certification valid through 5/26/08

current certification valid through 2/7/08

current certification valid through 7/28/07

current certification valid through 9/28/07

current certification valid through 6/12/07

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

North Dakota Department of Health
Chemistry Division
2635 E. Main Ave., P.O. Box 937
Bismarck, ND 58502-0937

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59101

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

South Dakota State Health Laboratory
615 East 4th Street
Pierre, SD 57501-1700

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 2/21/09

current certification valid through 2/6/07

current certification valid through 2/21/09

current certification valid through 12/19/06

current certification valid through 11/30/09

current certification valid through 10/20/07

current certification valid through 6/29/07

current certification valid through 8/18/07

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

CERTIFIED FOR the *Disinfectant Byproducts* listed below:

Chlorite

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100

current certification valid through 3/13/08

current certification valid through 10/1/07

current certification valid through 6/26/07

current certification valid through 7/28/07

current certification valid through 2/6/07

Monrovia, CA 91016

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

South Dakota State Health Laboratory
615 East 4th Street
Pierre, SD 57501-1700

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 12/19/06

current certification valid through 8/18/07

current certification valid through 6/29/07

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

CERTIFIED FOR the *Disinfectant Byproducts* listed below:

Bromate

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 3/13/08

current certification valid through 10/1/07

current certification valid through 2/6/07

current certification valid through 12/19/06

current certification valid through 6/29/07

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

CERTIFIED FOR *Dioxin*

Eno River Labs, LLC
2445 South Alston Avenue
Durham, NC 27713

Underwriters Laboratories, Inc.

current certification valid through 9/29/07

current certification valid through 1/26/08

110 S. Hill Street
South Bend, IN 46617

Vista Analytical Laboratory, Inc. (previously Alta)
1104 Windfield Way
El Dorado Hills, CA 95762-5702

current certification valid through 2/1/08

CERTIFIED FOR both of the *Inorganics* contaminants listed below:

Cyanide
Fluoride

ACZ Laboratories, Inc.
2773 Downhill Drive
Steamboat Springs, CO 80487

current certification valid through 10/2/07

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

current certification valid through 2/15/08

Benchmark Analytix
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 4/3/07

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 3/13/08

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

current certification valid through 10/1/07

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

current certification valid through 6/26/07

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

current certification valid through 5/26/08

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

current certification valid through 2/7/08

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

current certification valid through 7/28/07

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

current certification valid through 9/28/07

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

current certification valid through 6/12/07

Minnesota Valley Testing Laboratories, Inc.
1411 S. 12th Street
Bismarck, ND 58504

current certification valid through 4/29/07

Minnesota Valley Testing Laboratories, Inc.
1126 N. Front Street
New Ulm, MN 56073-0249

current certification valid through 4/29/07

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

current certification valid through 2/21/09

Montgomery Watson Harza (MWH) Laboratories

current certification valid through 2/6/07

750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

North Dakota Department of Health/Chem.
2635 East Main Avenue
Bismarck, ND 58502-0937

Severn Trent Laboratories, Chicago
2417 Bond Street
University Park, IL 60466

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

South Dakota State Health Laboratory
615 East 4th Street
Pierre, SD 57501-1700

SVL Analytical, Inc.
One Government Gulch
P.O. Box 929
Kellogg, ID 83837-0929

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

CERTIFIED FOR all of the *Metals*

Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Mercury
Selenium
Thallium

ACZ Laboratories, Inc.
2773 Downhill Drive
Steamboat Springs, CO 80487

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 12/19/06

current certification valid through 11/30/09

current certification valid through 6/17/07

current certification valid through 6/29/07

current certification valid through 8/18/07

current certification valid through 2/7/08

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

current certification valid through 10/2/07

current certification valid through 2/15/08

current certification valid through 4/3/07

current certification valid through 1/18/08

current certification valid through 3/13/08

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

Magic Valley Laboratory, Inc.
210 Addison Ave. P.O. Box 1867
Twin Falls, ID 83301

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

Minnesota Valley Testing Laboratories, Inc.
1411 S. 12th Street
Bismarck, ND 58504

Minnesota Valley Testing Laboratories, Inc.
1126 N. Front Street
New Ulm, MN 56073-0249

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

North Dakota Department of Health/Chem.
2635 East Main Avenue
Bismarck, ND 58502-0937

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

Severn Trent Laboratories, Chicago
2417 Bond Street
University Park, IL 60466

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

current certification valid through 10/1/07

current certification valid through 6/26/07

current certification valid through 5/26/08

current certification valid through 2/7/08

current certification valid through 7/28/07

current certification valid through 9/28/07

current certification valid through 1/17/07

current certification valid through 6/12/07

current certification valid through 4/29/07

current certification valid through 4/29/07

current certification valid through 2/21/09

current certification valid through 2/6/07

current certification valid through 12/19/06

current certification valid through 11/30/09

current certification valid through 10/20/07

current certification valid through 6/17/07

current certification valid through 6/29/07

South Dakota Dept. of Health Lab. Services
615 East 4th Street
Pierre, SD 57501-1700

SVL Analytical, Inc.
One Government Gulch
P.O. Box 929
Kellogg, ID 83837-0929

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 8/18/07

current certification valid through 2/7/08

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

CERTIFIED FOR the *Microbiological Contaminant* listed below:

E. Coli enumeration for Source Water

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

Energy Laboratories, Inc.
940 East Lincoln Road
Idaho Falls, ID 83401

Intermountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Magic Valley Laboratory, Inc.
1448 E. Center, Suite 5
Pocatello, ID 83201

Magic Valley Laboratory, Inc.
210 Addison Ave. P.O. Box 1867
Twin Falls, ID 83301

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

National Park Service
Mammoth Water Quality Control Laboratory

current certification valid through 4/3/07

current certification valid through 3/13/08

current certification valid through 10/1/07

current certification valid through 5/26/08

current certification valid through 8/4/07

current certification valid through 10/26/07

current certification valid through 1/17/07

current certification valid through 1/17/07

current certification valid through 2/21/09

current certification valid through 2/6/07

current certification valid through 6/30/07

P.O. Box 168
Mammoth Hot Springs, WY 82190

North Dakota Department of Health/Micro
1205 Avenue A West
Bismarck, ND 58506-5520

Oglala Lakota College
Lakota Center for Science & Technology
Drinking Water Laboratory
490 Piya Wiconi Road
Kyle, SD 57752

Sioux Falls City Health Laboratory
132 North Dakota Ave.
Sioux Falls, SD 57104-6419

South Dakota State Health Laboratory
615 East 4th Street
Pierre, SD 57501-1700

Sweetwater County Env. Health Services
205 East Railroad Avenue
Green River, WY 82935

Teton County Water Laboratory
460 East Pearl Street
Jackson, WY 83001

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 11/30/09

current certification valid through 8/17/07

current certification valid through 12/19/06

current certification valid through 8/18/07

current certification valid through 10/8/07

current certification valid through 7/26/07

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

CERTIFIED FOR both of the *Microbiological Contaminants* listed below:

Fecal Coliform
Total Coliform

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

Energy Laboratories, Inc.

current certification valid through 2/15/08

current certification valid through 4/3/07

current certification valid through 1/18/08

current certification valid through 3/13/08

current certification valid through 10/1/07

current certification valid through 6/26/07

current certification valid through 5/26/08

2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

Energy Laboratories, Inc.
1105 West First Street
Gillette, WY 82716

Energy Laboratories, Inc.
940 East Lincoln Road
Idaho Falls, ID 83401

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

Enviro Service, Inc.
818 South Bellline Highway East
Scottsbluff, NE 69361

Intermountain Laboratories, Inc.
1673 Terra Avenue
Sheridan, WY 82801

Intermountain Laboratories, Inc.
1701 Phillips Circle
Gillette, WY 82718

Lander Valley Medical Center
1320 Bishop Randall Drive
Lander, WY 82520

Lincoln Water Quality Laboratory
416 Washington Street
Afton, WY 83110-0310

Magic Valley Laboratory, Inc.
1448 E. Center, Suite 5
Pocatello, ID 83201

Magic Valley Laboratory, Inc.
210 Addison Ave. P.O. Box 1867
Twin Falls, ID 83301

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

Minnesota Valley Testing Laboratories, Inc.
1411 S. 12th Street
Bismarck, ND 58504

Minnesota Valley Testing Laboratories, Inc.
1126 N. Front Street
New Ulm, MN 56073-0249

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

National Park Service
Mammoth Water Quality Control Laboratory
P.O. Box 168
Mammoth Hot Springs, WY 82190

Neilson Research Corporation
245 South Grape Street

current certification valid through 10/27/07

current certification valid through 8/4/07

current certification valid through 2/7/08

current certification valid through 2/7/08

current certification valid through 10/26/07

current certification valid through 10/27/07

current certification valid through 8/23/09

current certification valid through 7/27/07

current certification valid through 1/17/07

current certification valid through 1/17/07

current certification valid through 6/12/07

current certification valid through 4/29/07

current certification valid through 4/29/07

current certification valid through 2/21/09

current certification valid through 2/6/07

current certification valid through 6/30/07

current certification valid through 12/19/06

Medford, OR 97501

North Dakota Department of Health/Micro
1205 Avenue A West
Bismarck, ND 58506-5520

Northwest Analytical Laboratories
178 W. North Street
Powell, WY 82435

Oglala Lakota College
Lakota Center for Science & Technology
Drinking Water Laboratory
490 Piya Wiconi Road
Kyle, SD 57752

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Sioux Falls City Health Laboratory
132 North Dakota Ave.
Sioux Falls, SD 57104-6419

South Dakota State Health Laboratory
615 East 4th Street
Pierre, SD 57501-1700

Sweetwater County Env. Health Services
205 East Railroad Avenue
Green River, WY 82935

Teton County Water Laboratory
460 East Pearl Street
Jackson, WY 83001

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

Wyoming Public Health Laboratory
Hathaway Bldg., Room 517
Cheyenne, WY 82002

CERTIFIED FOR *Nitrate & Nitrite*

Nitrate
Nitrite
Nitrate+Nitrite

ACZ Laboratories, Inc.
2773 Downhill Drive
Steamboat Springs, CO 80487

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 11/30/09

current certification valid through 6/30/07

current certification valid through 8/17/07

current certification valid through 6/29/07

current certification valid through 12/19/06

current certification valid through 8/18/07

current certification valid through 10/8/07

current certification valid through 7/26/07

current certification valid through 1/26/08

current certification valid through 6/31/07

current certification valid through 6/16/07

current certification valid through 4/26/08

current certification valid through 10/2/07

current certification valid through 2/15/08

current certification valid through 4/3/07

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

Energy Laboratories, Inc.
P.O. Box 5688
Helena, MT 59604

Energy Laboratories, Inc.
940 East Lincoln Road
Idaho Falls, ID 83401

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

Magic Valley Laboratory, Inc.
210 Addison Ave. P.O. Box 1867
Twin Falls, ID 83301

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

Minnesota Valley Testing Laboratories, Inc.
1411 S. 12th Street
Bismarck, ND 58504

Minnesota Valley Testing Laboratories, Inc.
1126 N. Front Street
New Ulm, MN 56073-0249

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

North Dakota Department of Health/Micro
1205 Avenue A West
Bismarck, ND 58506-5520

current certification valid through 1/18/08

current certification valid through 3/13/08

current certification valid through 10/1/07

current certification valid through 6/26/07

current certification valid through 5/26/08

current certification valid through 12/19/06

current certification valid through 8/4/07

current certification valid through 2/7/08

current certification valid through 7/28/07

current certification valid through 9/28/07

current certification valid through 1/17/07

current certification valid through 6/12/07

current certification valid through 4/29/07

current certification valid through 4/29/07

current certification valid through 2/21/09

current certification valid through 2/6/07

current certification valid through 12/19/06

current certification valid through 11/30/09

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

current certification valid through 10/20/07

Severn Trent Laboratories, Chicago
2417 Bond Street
University Park, IL 60466

current certification valid through 6/17/07

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

current certification valid through 6/29/07

South Dakota Dept. of Health Lab. Services
615 East 4th Street
Pierre, SD 57501-1700

current certification valid through 8/18/07

SVL Analytical, Inc.
One Government Gulch
P.O. Box 929
Kellogg, ID 83837-0929

current certification valid through 2/7/08

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

current certification valid through 1/26/08

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

current certification valid through 6/31/07

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 6/16/07

CERTIFIED FOR the nine *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Radium 226 Radium 228 Uranium	Man-made Radioactive Strontium 89, 90 Tritium Gamma Emitters Radioactive Cesium
---	---

Eberline Services, Inc.
2030 Wright Avenue
P.O. Box 4040
Richmond, CA 94804-0040

current certification valid through 12/2/07

CERTIFIED FOR the eight *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Radium 226 Radium 228 Uranium	Man-made Radioactive Strontium 89, 90 Tritium Gamma Emitters
---	---

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

current certification valid through 1/26/08

CERTIFIED FOR the eight *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Radium 226 Radium 228	Man-made Radioactive Strontium 90 Tritium Gamma Emitters
--	---

Uranium	
---------	--

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

current certification valid through 9/8/07

CERTIFIED FOR the six *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Radium 226 Radium 228 Uranium	Man-made Radioactive Cesium & Iodine
---	---

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 3/13/08

CERTIFIED FOR the five *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Radium 226 Radium 228 Uranium

ACZ Laboratories, Inc.
2773 Downhill Drive
Steamboat Springs, CO 80487

current certification valid through 10/2/07

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 4/3/07

South Dakota Department of Health
615 East 4th Street
Pierre, SD 57501-1700

current certification valid through 10/4/08

CERTIFIED FOR the four *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Radium 226 Uranium

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

current certification valid through 9/28/07
800-828-1097

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

current certification valid through 2/6/07
800-566-5227

CERTIFIED FOR the three *Radionuclides* listed below:

Naturally occurring Gross alpha Gross beta Uranium

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

current certification valid through 6/1/08

CERTIFIED FOR the one *Radionuclide* listed below:

Naturally occurring
Uranium

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

current certification valid through 7/28/07

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

current certification valid through 2/21/09

North Dakota Department of Health/Micro
1205 Avenue A West
Bismarck, ND 58506-5520

current certification valid through 11/30/09

SVL Analytical, Inc.
One Government Gulch
P.O. Box 929
Kellogg, ID 83837-0929

current certification valid through 2/7/08

CERTIFIED FOR the twenty-nine *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Carbofuran Chlordane Dalapon	Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dibromochloropropane Dinoseb Diquat Endothall Endrin	Ethylene dibromide Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane	Methoxychlor Oxamyl (Vydate) Pentachlorophenol Picloram Polychlorinated biphenyls (PCB) Simazine Toxaphene
---	--	---	--

Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

current certification valid through 2/15/08

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

current certification valid through 10/1/07

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

current certification valid through 7/28/07

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

current certification valid through 2/6/07
800-566-5227

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

current certification valid through 12/19/06

North Dakota Department of Health/Chem.
2635 East Main Avenue
Bismarck, ND 58502-0937

current certification valid through 11/30/09

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue

current certification valid through 6/29/07

Savannah, GA 31404

South Dakota Dept. of Health Lab. Services
615 East 4th Street
Pierre, SD 57501-1700

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

current certification valid through 8/18/07

current certification valid through 1/26/08
800-332-4345

CERTIFIED FOR the twenty-seven *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Carbofuran Chlordane	Dalapon Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dibromochloropropane Dinoseb Diquat Endrin	Ethylene dibromide Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane	Methoxychlor Oxamyl (Vydate) Pentachlorophenol Picloram Simazine Toxaphene
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Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

current certification valid through 6/12/07

CERTIFIED FOR the twenty-six *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Chlordane Dalapon	Dibromochloropropane Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dinoseb Endothall Endrin Ethylene dibromide	Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor Oxamyl	Pentachlorophenol Picloram Polychlorinated Biphenyls Simazine Toxaphene
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Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

current certification valid through 6/27/07
800-735-4489

CERTIFIED FOR the twenty-five *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Carbofuran Chlordane	Dalapon Dinoseb Diquat Endothall Endrin Ethylene dibromide	Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane	Methoxychlor Oxamyl (Vydate) Pentachlorophenol Picloram Simazine Toxaphene
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South Dakota Department of Health
615 East 4th Street
Pierre, SD 57501-1700

current certification valid through 8/18/07

CERTIFIED FOR the twenty-five *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Carbofuran Chlordane	Dibromochloropropane Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dinoseb Endrin Ethylene dibromide	Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor	Oxamyl Pentachlorophenol Picloram Polychlorinated Biphenyls Simazine Toxaphene
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Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

current certification valid through 1/18/08

CERTIFIED FOR the twenty-five *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Carbofuran Chlordane	Dalapon Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dinoseb Diquat Endrin	Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor	Oxamyl (Vydate) Pentachlorophenol Picloram Polychlorinated biphenyls (PCB) Simazine Toxaphene
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Utah State Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

current certification valid through 6/31/07

CERTIFIED FOR the twenty-four *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Carbofuran	Chlordane Dalapon Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dinoseb Endrin	Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane	Methoxychlor Oxamyl (Vydate) Pentachlorophenol Picloram Simazine Toxaphene
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Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 6/17/07

CERTIFIED FOR the twenty-three *Synthetic Organic Contaminants* listed below:

2,4-D 2,4,5-TP Alachlor Atrazine Benzo[a]pyrene Chlordane	Dalapon Dibromochloropropane Di(2-ethylhexyl)adipate Di(2-ethylhexyl)phthalate Dinoseb Endrin	Ethylene dibromide Heptachlor Heptachlor epoxide Hexachlorobenzene Hexachlorocyclopentadiene Lindane	Methoxychlor Pentachlorophenol Picloram Simazine Toxaphene
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Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 4/3/07

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

current certification valid through 10/20/07

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

current certification valid through 9/28/07
800-828-1097

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

current certification valid through 10/20/07

CERTIFIED FOR the nineteen *Synthetic Organic Contaminants* listed below:

Alachlor	Diquat	Heptachlor epoxide	Oxamyl (Vydate)
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Atrazine Carbofuran Chlordane Dibromochloropropane	Endrin Ethylene dibromide Glyphosate Heptachlor	Hexachlorobenzene Hexachlorocyclopentadiene Lindane Methoxychlor	Polychlorinated biphenyls (PCBs) Simazine Toxaphene
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Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258
Casper, WY 82602

current certification valid through 5/26/08
888-235-0515

CERTIFIED FOR the six *Synthetic Organic Contaminants* listed below:

2, 4, 5-TP 2,4-D	Dalapon Dinoseb	Pentachlorophenol	Picloram
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Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

current certification valid through 2/21/09

CERTIFIED FOR the four *Synthetic Organic Contaminants* listed below:

Benzo[a]pyrene Di(2-ethylhexyl)adipate Di(2-ethylhexyl)adipate Endothal
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Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 3/13/08

CERTIFIED FOR all of the *Volatile Organic Contaminants* listed below:

Benzene Carbon tetrachloride Chlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane	cis-1,2-Dichloroethylene trans-1,2-Dichloroethylene Dichloromethane (Methylene Chloride) 1,2-Dichloropropane Ethylbenzene	Styrene Tetrachloroethylene 1,1,1-Trichloroethane Trichloroethylene Toluene	1,2,4-Trichlorobenzene 1,1-Dichloroethylene 1,1,2-Trichloroethane Vinyl chloride Xylenes (total)
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Anatek Labs, Inc.
1282 Alturas Drive
Moscow, ID 83843

current certification valid through 2/15/08

Benchmark Analytics
4777 Saucon Creek Road
Center Valley, PA 18034

current certification valid through 4/3/07

Chemtech-Ford, Inc.
6100 South Stratler
Murray, UT 84107

current certification valid through 1/18/08

Colorado Department of Public Health & Env.
8100 Lowry Boulevard
Denver, CO 80230-6928

current certification valid through 3/13/08

Columbia Analytical Services
1317 South 13th Ave.
P.O. Box 479
Kelso, WA 98626

current certification valid through 10/1/07

Energy Laboratories, Inc.
P.O. Box 30916
Billings, MT 59107

current certification valid through 6/26/07
800-735-4489

Energy Laboratories, Inc.
2393 Salt Creek Highway
P.O. Box 3258

current certification valid through 5/26/08
888-235-0515

Casper, WY 82602

Energy Laboratories, Inc.
2821 Plant Street
Rapid City, SD 57702

Evergreen Analytical, Inc.
4036 Youngfield St.
Wheat Ridge, CO 80033-3862

Intermountain Laboratories
1673 Terra Avenue
Sheridan, WY 82801

Mid-Continent Testing Laboratories, Inc.
2381 South Plaza Drive
Rapid City, SD 57702

Montana Dept. of Health & Human Services
Environmental Laboratory
1400 Broadway
Helena, MT 59620

Montgomery Watson Harza (MWH) Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

North Dakota Department of Health/Chem.
2635 East Main Avenue
Bismarck, ND 58502-0937

Neilson Research Corporation
245 South Grape Street
Medford, OR 97501

Northern Analytical Laboratories, Inc.
602 South 25th Street
Billings, MT 59107

Severn Trent Laboratories, Savannah
5102 LaRoche Avenue
Savannah, GA 31404

South Dakota Dept. of Health Lab. Services
615 East 4th Street
Pierre, SD 57501-1700

Underwriters Laboratories, Inc.
110 S. Hill Street
South Bend, IN 46617

Utah Dept. of Health Laboratory
46 North Medical Drive
Salt Lake City, UT 84113-1105

Wyoming Department of Agriculture
Analytical Services Laboratory
1174 Snowy Ridge Road
Laramie, WY 82070

current certification valid through 2/7/08
888-672-1225

current certification valid through 7/28/07

current certification valid through 9/28/07
800-828-1097

current certification valid through 6/12/07

current certification valid through 2/21/09

current certification valid through 2/6/07
800-566-5227

current certification valid through 11/30/09

current certification valid through 12/19/06

current certification valid through 10/20/07

current certification valid through 6/29/07

current certification valid through 8/18/07

current certification valid through 1/26/08
800-332-4345

current certification valid through 6/31/07

current certification valid through 6/16/07